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internal ribosome entry site (IRES).

- 16. (Amended) The isolated pestivirus mutant of claim a, wherein said growth-restricted phenotype is characterised by a small plaque size phenotype.
- 17. (Amended) The isolated pestivirus mutant of claim 15, wherein the mutant comprises more than one mutation in the stem loops la and/or lb.
- 18. (Amended) The isolated pestivirus mutant of claim 15, wherein the one or more mutations is a deletion of one or more nucleotides.
- 19. (Amended) The isolated pestivirus mutant of claim 15, wherein the one or more mutations is a deletion of stem loop la.
- 20. (Amended) The isolated pestivirus mutant of claim 18, wherein the one or more mutations is a deletion of stem loop 1a and a deletion in stem loop 1b.
- 21. (Amended) The isolated pestivirus mutant of claim 18, wherein the mutation is a deletion of stem loops 1a and 1b, and wherein the nucleotide sequence after said deletion at the 5' end of the genome is GUAUAU or GUAUCCU.

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- 22. (Amended) The isolated pestivirus mutant of claim 18, wherein the loop portion of stem loop 1b contains five adenosine (A) residues.
- 23. (Amended) The isolated pestivirus mutant of claim 15, wherein the pestivirus is bovine viral diarrhea virus (BVDV).
- 24. (Amended) The isolated pestivirus mutant of claim 23, wherein the pestivirus is BVDV-1 or BVDV-2.
- 35. (Amended) A vaccine, comprising:

an immunogenically active isolated pestivirus mutant of claim 15 and

- a pharmaceutically acceptable carrier or diluent.
- 40. (Amended) A vaccine, comprising:

an immunogenically effective dosage of the isolated pestivirus mutant of claim 15, and

a pharmaceutically acceptable carrier and diluent.

## REMARKS

The pending claims of the instant application are 15-47. The Examiner has withdrawn claims 25-34 from consideration as being drawn non-elected inventions. The Examiner has examined claims 15-24 and 35-47. Applicants acknowledge that the restriction requirement has been made final.